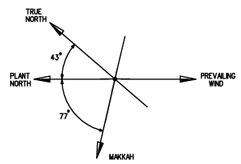
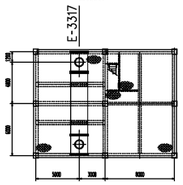
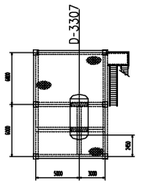
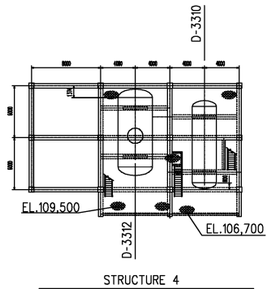




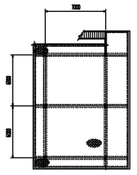
STRUCTURE 4
PLAN AT EL. 125,000



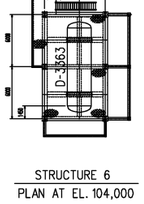
STRUCTURE 4
PLAN AT EL. 118,000



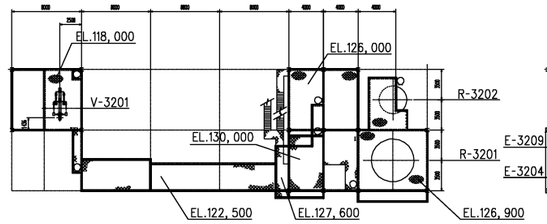
STRUCTURE 4
PLAN AT EL. 106,700/109,500



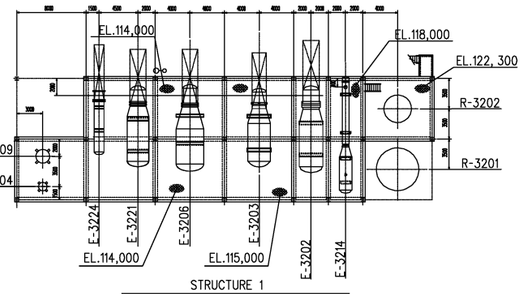
STRUCTURE 6
PLAN AT EL. 115,000



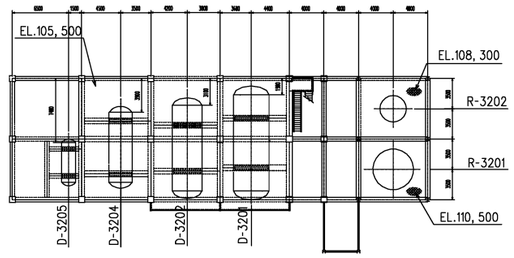
STRUCTURE 6
PLAN AT EL. 104,000



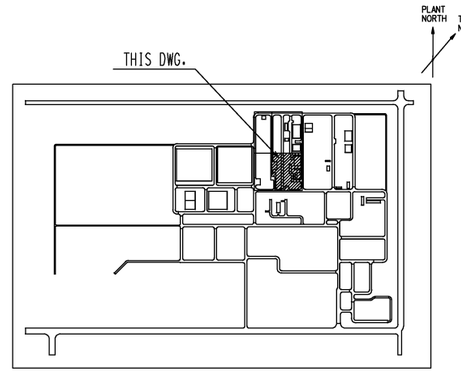
STRUCTURE 1
PLAN AT EL. 118,000/122,500/126,000/126,900/127,600



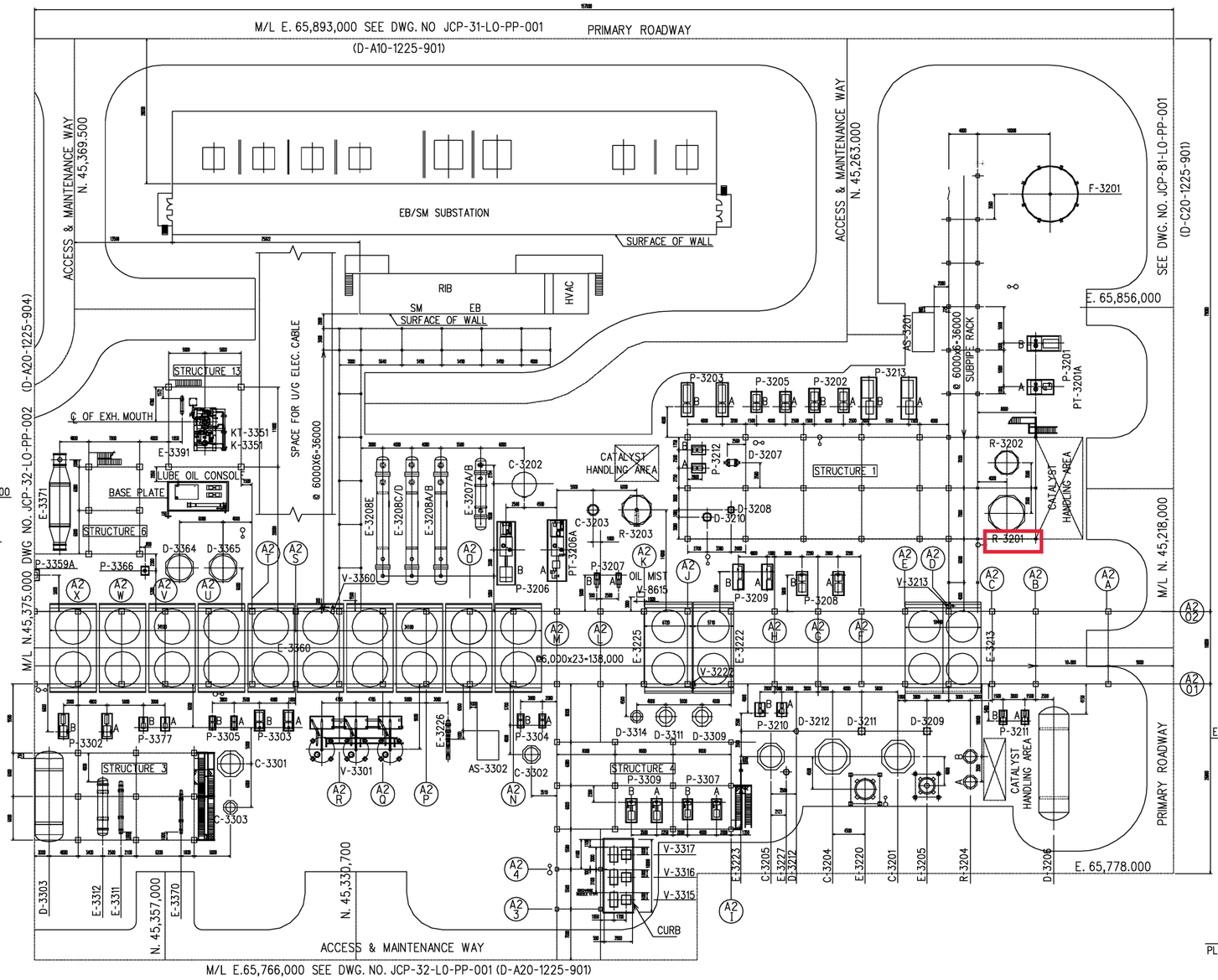
STRUCTURE 1
PLAN AT EL. 114,000/115,000/118,000

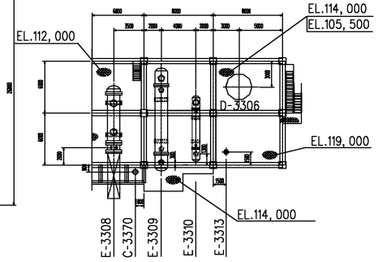


STRUCTURE 1
PLAN AT EL. 105,500/108,300/110,500



KEY PLAN





STRUCTURE 3
PLAN AT EL. 112,000/114,000/119,000

5000 0 5000 15000 25000 35000

SCALE IN MILLIMETERS

EQUIPMENT NO.	DESCRIPTION
UNIT 32,33	
P-3201A/B	ALKYLATOR REBOILER PUMP
P-3202A/B	ALKYLATOR REFLUX PUMP
P-3203A/B	BENZENE RECYCLE PUMP
P-3205A/B	BENZENE COLUMN REFLUX PUMP
P-3206A/B	ABSORBER CIRCULATION PUMP
P-3207A/B	PEB RECYCLE PUMP
P-3208A/B	EB COLUMN OVERHEAD PUMP
P-3209A/B	PEB COLUMN OVERHEAD PUMP
P-3210A/B	PEP COLUMUN BOTTOMS PUMP
P-3211A/B	EB/SM FLARE KO DRUM PUMP
P-3212A/B	VACU M SYSTEM LIQUIDS PUMP
P-3213A/B	ABSORBER RECYCLE PUMP
P-3302A/B	CONDENSATE PUMP
P-3303A/B	STRIPPED CONDENSATE PUMP
P-3304A/B	FLUX OIL SCRUBBER BOTTOMS PUMP
P-3305A/B	FLUX OIL STRIPPER BOTTOMS PUMP
P-3307A/B	EB/SM CONDENSATE PUMP
P-3309A/B	SIBFW PUMP
P-3366	PROPYLENE TRANSFER PUMP
P-3377A/B	VENT GAS SCRUBBER PUMP
R-3201	ALKYLATOR
R-3202	TRANSALKYLATOR
R-3203	FINISHING REACTOR
R-3204A/B	BENZENE FEED TREATER
V-3201	PEB COLUMN VACUUM EQUIPMENT
V-3301	STRIPPED CONDENSATE FILTER SYSTEM
V-3315	EB/SM NEUTRALIZING AMINE INJECTION PACKAGE
V-3316	EB/SM ELIMINOX INJECTION PACKAGE
V-3317	PHOSPHATE INJECTION PACKAGE
V-8615	OIL MIST GENERATOR PACKAGE *1
V-3213	AFC GREASING SYSTEM
V-3222	AFC GREASING SYSTEM
V-3360	AFC GREASING SYSTEM
AS-3201	ANALYZER SHELTER EB UNIT
AS-3302	ANALYZER SHELTER SM UNIT *2

EQUIPMENT NO.	DESCRIPTION
UNIT 32,33	
C-3201	BENZENE COLUMN
C-3202	VENT ABSORBER
C-3203	VENT SCRUBBER
C-3204	EB COLUMN
C-3205	PEB COLUMN
C-3301	PROCESS CONDENSATE STRIPPER
C-3302	FLUX OIL SCRUBBER
C-3303	FLUX OIL STRIPPER
C-3370	VENT GAS SCRUBBER
D-3201	ALKYLATOR OVERHEAD DRUM
D-3202	BENZENE COLUMN OVERHEAD DRUM
D-3204	EB COLUMN OVERHEAD DRUM
D-3205	PEB COLUMN OVERHEAD DRUM
D-3206	FLARE KO DRUM
D-3207	VACUUM DRUM
D-3208	TRANSALKYLATOR HEATER CONDENSATE POT
D-3209	BENZENE COLUMN REBOILER CONDENSATE POT
D-3210	FINISHING REACTOR HEATER CONDENSATE POT
D-3211	EB COLUMN REBOILER CONDENSATE POT
D-3212	PEB COLUMN REBOILER CONDENSATE POT
D-3303	SKIMMING TANK
D-3306	OFF GAS COMPRESSOR DISCHARGE DRUM
D-3307	OFF GAS SEAL DRUM
D-3309	HP CONDENSATE 2ND STAGE FLASH DRUM
D-3310	CONDENSATE RECEIVER
D-3311	HP CONDENSATE 1ST STAGE FLASH DRUM
D-3312	CONDENSATE DEAERATOR
D-3314	ATMOSPHERIC BLOWDOWN STAND PIPE
D-3363	EB/SM PROPYLENE REFRIGERANT RECEIVER
D-3364	EB/SM C3R 1ST STAGE SUCTION DRUM
D-3365	EB/SM C3R SECOND STAGE SUCTION DRUM
E-3202	ALKYLATOR CONDENSER
E-3203	ALKYLATOR TRIM CONDENSER
E-3204	TRANSALKYLATOR HEATER
E-3205	BENZENE COLUMN REBOILER
E-3206	BENZEN COLUMN CONDENSER
E-3207A/B	VENT ABSORBER CHILLER
E-3208A~E	FINISHING REACTOR INTERCHANGER
E-3209	FINISHING REACTOR HEATER
E-3213	ALKYLATOR VENT CONDENSER
E-3214	ALKYLATOR VENT CHILLER
E-3220	EB COLUMN REBOILER
E-3221	EB COLUMN CONDENSER
E-3222	EB PRODUCT COOLER
E-3223	FLUX OIL COOLER
E-3224	PEB COLUMN CONDENSER
E-3225	EB SLOP COOLER
E-3226	PURGE NITROGEN HEATER
E-3227	PEB COLUMN REBOILER
E-3308	CONDENSATE STRIPPER INTERCHANGER
E-3309	OFF GAS COOLER
E-3310	OFF GAS CHILLER
E-3311	FLUX OIL CHILLER
E-3312	FLUX OIL INTERCHANGER
E-3313	FLUX OIL HEATER
E-3317	EXCESS STEAM CONDENSER
E-3360	PROPYLENE CONDENSER
E-3370	LEAN FLUX OIL CHILLER
E-3371	EB/SM CHILLED WATER CHILLER
E-3391	GLAND CONDENSER
F-3201	ALKYLATOR REBOILER
K-3351	EB/SM PROPYLENE REFRIGERANT COMPRESSOR

NOTES

1. GRADE ELEVATION (HIGHT POINT PAVING) SHOWN ON THIS DRAWING EL. 100.000
2. ALL COORDINATES ARE IN METERS.
3. ALL ELEVATIONS AND DIMENSIONS ARE IN MILLIMETERS.
4. CENTER LINE OF PUMP BASE — DIS. NOZZLE
5. ⊗ :SAFETY SHOWER/EYE WASH STATION.

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPVD.	REFERENCE DRAWING
00	01 Dec 2007	As Built	R.Sonoda	T.Yonemoto	M.Kaji	

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EPC CONTRACTOR: JGC

MANAGING CONTRACTOR: PARSONS E&C

JCP

	INITIAL	DATE
DRAWN		
CHECKED		
CONTRACTOR. APPROVAL		
JCP APPROVAL		
SCP REVISION		

TITLE: UNIT PLOT PLAN
UNIT 32,33

SCALE	PROJECT NO.	CONTRACT NO./ WORK ORDER NO.	DWG. NO.	REV
1:250			JCP-32-L0-PP-003	00

FILE NAME : D-A20-1225-903_C02_0001.dgn

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